

Attorney Docket No. 54006.8014.US00
P00-0022

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: James BRYER
APPLICATION NO.: 09/658,395
FILED: SEPTEMBER 8, 2000
FOR: SPRAY NOZZLE SYSTEM FOR A
SEMICONDUCTOR WAFER CONTAINER CLEANING
APPARATUS

EXAMINER: Zeinab El Arini
ART UNIT: 1746
CONF. NO: 3427

19/F
AS
9/15/3

Interview Summary Under 37 C.F.R. 1.133(b) and
Amendment Under 37 C.F.R. 1.111

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action mailed on June 24, 2003, please enter the following
interview summary and amend the application as follows:

IN THE SPECIFICATION

Please amend the paragraphs beginning at p. 1, before line 5; p. 25, line 19; and
p. 26, line 11, as indicated in the attached replacement specification paragraph sheets.

IN THE CLAIMS

Please cancel claims 29 and 31, amend claims 21, 28, 30 and 32, and add new
claims 34-41, as indicated in the attached claim sheets.

09/16/2003 ASINGLE 00000001 502586 09658395

01 FC:1201 420.00 DA
02 FC:1202 108.00 DA

Certificate of Transmission

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being facsimile
transmitted to Examiner Z. El Arini, Art Unit 1746, Fax No. (703) 872-9310, on the date entered below.

September 10, 2003
Date of Deposit

Debbie Gilbert
Debbie Gilbert

[54006-8014/LA03 890.106]

Received from < > at 9/10/03 8:16:38 PM [Eastern Daylight Time]

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Summary of September 2, 2003 Telephone Interview with Examiner El-Arini

The substance of independent claims 21, 28, and 30 was discussed in view of Shortes et al. (U.S. Patent No. 4,027,686) and Bryer et al. (U.S. Patent No. 6,432,214). A proposal to have the claims recite that the angle spray nozzles are directed to clean leading and trailing faces or corners of boxes held on the rotor was discussed, to distinguish the claims from the Shortes et al. patent. A proposal to amend the claims to describe that the angle spray nozzles are directed toward or away from the direction of rotation of the rotor (i.e., not toward the spin axis of the rotor), or toward upward or downward facing box surfaces was also discussed. No agreement was reached.